

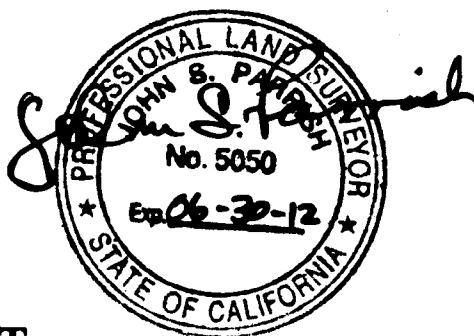
# RECORD OF SURVEY No. 32-81

SHEET 1 OF 2 SHEETS

## COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH SECTION 8766 OF THE PROFESSIONAL LAND SURVEYOR'S ACT THIS 1st DAY OF Feb., 2011.

*John S. Parrish*  
JOHN S. PARRISH, L.S. NO. 5050  
COUNTY SURVEYOR



IN THE UNINCORPORATED TERRITORY OF THE COUNTY  
OF MONO, STATE OF CALIFORNIA, BEING A PORTION OF  
SECTION 16, TOWNSHIP 5 NORTH, RANGE 23 EAST,  
MOUNT DIABLO MERIDIAN

JOHNSON-FRANK & ASSOCIATES, INC.  
ALAN D. FRANK, PLS  
AUGUST 2010

## RECORDER'S STATEMENT:

INSTRUMENT NO. 2011000688

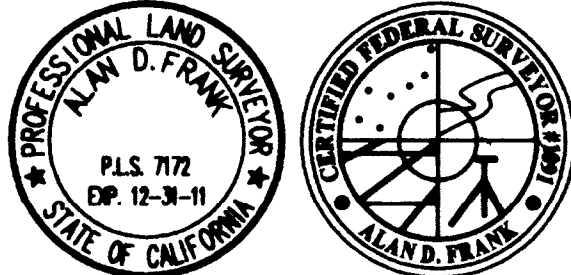
FILED THIS 2<sup>ND</sup> DAY OF FEBRUARY, 2011  
AT 2:55 P.M., IN BOOK 4 OF RECORD OF SURVEY  
MAPS AT PAGES 91-91A, AT THE REQUEST OF THE  
UNITED STATES FOREST SERVICE.

LINDA ROBERTS BY *Sherrill Hale*  
COUNTY RECORDER DEPUTY COUNTY RECORDER

## SURVEYOR'S STATEMENT:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT AT THE REQUEST OF THE USDA, FOREST SERVICE, IN JUNE-AUGUST 2010.

*Alan D. Frank* 1/31/2011  
ALAN D. FRANK, L.S. NO. 7172 CFEOS 1091



### BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS RECORD OF SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, NAD83 (CCS83) [2002.00 EPOCH], ZONE 3, AS DERIVED FROM THE CONTINUOUSLY OPERATING GPS (CGPS) STATIONS P135, P136, AND P654. POSITIONS FOR SAID CGPS STATIONS WERE DERIVED VIA THE NATIONAL GEODETIC SURVEY'S (NGS) ONLINE POSITIONING USER SERVICE (OPUS). TWENTY FOUR HOUR DATA SETS FOR EACH OF THESE CGPS SITES WERE SUBMITTED TO OPUS FOR DAYS 124 (MAY 4, 2010), 125 (MAY 5, 2010), AND 126 (MAY 6, 2010). THE THREE POSITIONS RETURNED VIA OPUS FOR EACH STATION WERE THEN AVERAGED AND HELD AS FIXED CONTROL. THE STANDARD DEVIATION OF THE MEAN FOR THE POSITION OF EACH STATION, AS DERIVED FROM THE NGS OPUS STANDARD DEVIATIONS ON EACH INDIVIDUAL RETURNED POSITION, ARE AS FOLLOWS:

	HORIZONTAL	VERTICAL
P135	+/-0.04'	+/-0.07'
P136	+/-0.05'	+/-0.05'
P654	+/-0.02'	+/-0.06'

THIS BASIS OF BEARINGS IS SHOWN LOCALLY HEREON BY THE WEST LINE OF SECTION 16, BETWEEN STATIONS 300400 AND 300500, SAID LINE HAVING A GRID BEARING OF N00°03'21"E.

CONVERGENCE: GEODETIC AZIMUTH = GRID AZIMUTH + 0°38'29"

### BASIS OF COORDINATES:

THE BASIS FOR THE COORDINATES ON THIS RECORD OF SURVEY IS THE CCS83 (2002.00 EPOCH), ZONE 3, AS DETERMINED LOCALLY BY DIRECT GPS DUAL FREQUENCY STATIC TIES TO CGPS STATIONS P135, P136, AND P654 USING POSITIONS FOR SAID CGPS STATIONS DERIVED AS DESCRIBED ABOVE. SAID POSITIONS FOR SAID STATIONS ARE PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN) IN THAT THEY MEET ALL OF THE REQUIREMENTS OF SECTION 8857 OF THE CALIFORNIA PUBLIC RESOURCES CODE (CPRC). THE OPUS DERIVED HORIZONTAL ACCURACIES ON THESE STATIONS MEET OR EXCEED THE FEDERAL GEOGRAPHIC DATA COMMITTEE (FGDC) 2-CENTIMETER ACCURACY CLASSIFICATION PER FGDC-STD-007.2-1998. SAID OPUS DERIVED POSITIONS FOR SAID CGPS STATIONS WERE HELD "FIXED" IN THIS SURVEY.

NO CPRC SECTION 8813.2 ACCURACY IS CLAIMED FOR THE COORDINATE POSITIONS DERIVED IN THIS SURVEY. HOWEVER, ALL FOUND MONUMENTS WERE TIED DIRECTLY TO THE THREE CONTROLLING CGPS STATIONS AS WELL AS TO AT LEAST TWO ONSITE CONTROL STATIONS USING DUAL FREQUENCY STATIC, POST-PROCESSED GPS, RESULTING IN A LOCAL NETWORK 95% CONFIDENCE OF ±0.08 FOOT (±2.4 CM) FOR THOSE STATIONS. THIS NETWORK ACCURACY EXCEEDS THAT SPECIFIED IN THE U.S. FOREST SERVICE'S "STANDARDS AND GUIDELINES FOR CADASTRAL SURVEYS USING GLOBAL POSITIONING SYSTEM METHODS", WHICH REQUIRES A LOCAL ACCURACY 95% CONFIDENCE ON CADASTRAL MEASUREMENTS OF LESS THAN ±0.33 FOOT (±10 CM).

### SCALE FACTOR:

DISTANCES SHOWN HEREON ARE GROUND DISTANCES SHOWN IN U.S. SURVEY FEET. TO OBTAIN GRID DISTANCES COMMENSURATE WITH STATE PLANE COORDINATES, MULTIPLY THE GROUND DISTANCES BY A COMBINED FACTOR (CF) OF 0.99958. THIS CF WAS COMPUTED AT THE SOUTH 1/4 CORNER OF SECTION 16, STATION 340400, AT AN ELEVATION OF 8170 FEET.

GRID DISTANCE = GROUND DISTANCE X 0.99958

### PURPOSE OF SURVEY:

THE PURPOSE OF THIS SURVEY IS TO LOCATE, MONUMENT, MARK, AND POST THE NATIONAL FOREST PROPERTY BOUNDARY. SAID PROPERTY BOUNDARY LINES HAVE BEEN INTERVISIBLY POSTED AT A MAXIMUM INTERVAL DISTANCE OF 200 FEET.

THIS MAP IS BEING FILED PURSUANT TO THE PROFESSIONAL LAND SURVEYOR'S ACT, CHAPTER 15, ARTICLE 5, SECTION 8762, PARAGRAPH (A) & (B)(2), OF THE BUSINESS AND PROFESSIONS CODE.

### HISTORY OF SURVEYS AND BOUNDARY DISCUSSION:

THE ORIGINAL GENERAL LAND OFFICE SURVEYS OF SUBDIVISIONAL LINES WITHIN THIS TOWNSHIP WERE EXECUTED BY GENERAL LAND OFFICE (GLO) DEPUTY SURVEYOR J.R. GLOVER IN 1884 AND 1885. (R6)

ON FEBRUARY 5, 1895, THE EAST 1/2 OF THE NORTHWEST 1/4, TOGETHER WITH THE EAST 1/2 OF SOUTHWEST 1/4, OF SECTION 16, LEFT FEDERAL OWNERSHIP AS PART OF A STATE GRANT.

A TOTAL OF 5 SURVEYS HAVE BEEN CONDUCTED RELATIVE TO THE NON-FEDERAL LANDS WITHIN THIS SECTION AND FILED IN THE OFFICE OF THE MONO COUNTY RECORDER:

- R1) RECORD OF SURVEY NO. 32-71, RECORD OF SURVEY MAPS BOOK 4, PAGE 75, FILED FEBRUARY 9, 2010, AS INSTRUMENT NO. 2010000591
- R2) PARCEL MAP NO. 32-14, PARCEL MAP BOOK 1, PAGE 58, FILED APRIL 28, 1975
- R3) PARCEL MAP NO. 32-11, PARCEL MAP BOOK 1, PAGE 43, FILED FEBRUARY 27, 1974
- R4) RECORD OF SURVEY MAP NO. 1244, MAP BOOK 6, PAGE 72, FILED DECEMBER 5, 1969
- R5) RECORD OF SURVEY MAP NO. 2300, MAP BOOK 6, PAGE 15, FILED JANUARY 7, 1969

THESE SURVEYS RECOVERED SUFFICIENT EVIDENCE OF THE ORIGINAL SURVEY TO ENABLE THEM TO PERPETUATE AND REMONUMENT THE S 1/4, THE SW CORNER, THE NW CORNER, AND THE NE CORNER OF SAID SECTION 16. NO EVIDENCE WAS FOUND BY THESE SURVEYS RELATIVE TO THE W 1/4, THE N 1/4, THE E 1/4, OR THE SE CORNER. THESE SURVEYS COMPUTED BY SINGLE PROPORTION, BUT DID NOT MONUMENT, THE W 1/4 CORNER. THEY ALSO COMPUTED THE N 1/4 CORNER BY SINGLE PROPORTION, AND MONUMENTED SAME.

NO ESTABLISHMENT WAS MADE FOR THE E 1/4 OR THE SE CORNER AS NO EVIDENCE WAS RECOVERABLE. AS NO E 1/4 CORNER EXISTS TO ALLOW THE PROPER BREAKDOWN OF THE NW AND SW 1/4'S, THE PRIVATE HOLDING LINE BETWEEN THE E 1/2 OF THE NW 1/4 AND THE E 1/2 OF THE SW 1/4 WAS ESTABLISHED AT MIDPOINT ALONG THE NORTH-SOUTH CENTER SECTION LINE BY MUTUAL AGREEMENT OF ADJOINING LAND OWNERS PER PARCEL MAP NO. 32-11.

EXTENSIVE SEARCHES WERE CONDUCTED, AS A PART OF THIS SURVEY, AT VARIOUS LOCATIONS IN THE VICINITY OF SAID E 1/4 AND SE CORNER. HOWEVER, BOTH CORNERS REMAIN LOST AND WERE NOT RE-ESTABLISHED OR MONUMENTED AS A PART OF THIS SURVEY. AS SUCH, THE TRUE C 1/4 AND C-W 1/16 CORNERS ALSO HAVE NOT BEEN SET AS PART OF THIS SURVEY. THE MONUMENTS SHOWN HEREON AS 3206 AND 3207 REPRESENT THE AGREED UPON PRIVATE OWNERSHIP DIVISION LINE BETWEEN THE E 1/2 OF THE NW 1/4 AND THE E 1/2 OF THE SW 1/4, BUT THEY ARE NOT NECESSARILY THE TRUE C 1/4 OR C-W 1/16 CORNERS.

### SET MONUMENT DESCRIPTIONS:

FEE \$ 0.00

300400 FOUND A 2 INCH IRON PIPE AND BRASS TAG STAMPED "R.C.E. 10467" IN A SMALL ROCK MOUND, SET FROM ORIGINAL BEARING TREE PER R2. ACCEPTED SAME AS THE TRUE CORNER AND REPLACED WITH A STANDARD US FOREST SERVICE ALUMINUM MONUMENT WITH A 3/4 INCH DIAMETER ALUMINUM CAP, STAMPED AS SHOWN ON PAGE 2, ON A 2 1/2 INCH DIAMETER POST, 30 INCHES LONG, 26 INCHES IN THE GROUND, ENCIRCLED BY A MOUND OF STONES, 3 FEET IN DIAMETER AND 4 INCHES ABOVE THE GROUND. PLACED A PLASTIC ENCASED MAGNET BENEATH THE MONUMENT. BURIED FOUND 2 INCH IRON PIPE UPSIDE DOWN ALONGSIDE NEW MONUMENT. SET A U CHANNEL ALUMINUM POST WITH A FOREST SERVICE 54-9 MONUMENT SIGN, 2.0 FEET SOUTHWESTERLY. SET NEW BEARING TREES SCRIBED "BT", WITH 6" MAG SPIKE AND "PLS 7172" STAINLESS STEEL WASHER FOR CHAINING POINT AT CENTER RIGHT SIDE, AND FOREST SERVICE 54-3 BEARING TREE SIGN:  
BT1: AN 8 INCH TAMARACK, N04°E, 18.8 FEET  
BT2: AN 8 INCH TAMARACK, N80°E, 38.2 FEET

300440 SEARCHED, FOUND NO EVIDENCE OF ORIGINAL 15x12x6 INCH GLO SANDSTONE CORNER, ESTABLISHED CORNER BY SINGLE PROPORTION, SET A STANDARD US FOREST SERVICE ALUMINUM MONUMENT WITH A 3/4 INCH DIAMETER ALUMINUM CAP, STAMPED AS SHOWN ON PAGE 2, ON A 2 1/2 INCH DIAMETER POST, 30 INCHES LONG, 24 INCHES IN THE GROUND, ENCIRCLED BY A MOUND OF STONES, 2.5 FEET IN DIAMETER AND 6 INCHES ABOVE THE GROUND. PLACED A PLASTIC ENCASED MAGNET BENEATH THE MONUMENT. SET A U CHANNEL ALUMINUM POST WITH A FOREST SERVICE 54-9 MONUMENT SIGN, 2.5 FEET NORTHERLY. SET NEW BEARING TREE SCRIBED "BT", WITH MAG SPIKE AND "PLS 7172" WASHER CHAINING POINT, AND FOREST SERVICE 54-3 BEARING TREE SIGN:  
BT1: AN 8 INCH LODGE POLE PINE, S70°E, 79.2 FEET

300500 FOUND A 2 INCH IRON PIPE AND BRASS TAG STAMPED "R.C.E. 10467" IN A LOOSE ROCK MOUND, SET AS A PERPETUATION OF THE ORIGINAL STONE MOUND AND BEARING TREES PER R3. ACCEPTED SAME AS THE TRUE CORNER AND REPLACED WITH A STANDARD US FOREST SERVICE ALUMINUM MONUMENT WITH A 3/4 INCH DIAMETER ALUMINUM CAP, STAMPED AS SHOWN ON PAGE 2, ON A 2 1/2 INCH DIAMETER POST, 30 INCHES LONG, 26 INCHES IN THE GROUND, ENCIRCLED BY A MOUND OF STONES, 3 FEET IN DIAMETER AND 4 INCHES ABOVE THE GROUND. PLACED A PLASTIC ENCASED MAGNET BENEATH THE MONUMENT. BURIED FOUND 2 INCH IRON PIPE UPSIDE DOWN ALONGSIDE NEW MONUMENT. SET A U CHANNEL ALUMINUM POST WITH A FOREST SERVICE 54-9 MONUMENT SIGN, 2.0 FEET NORTHWESTERLY. FOUND ORIGINAL BEARING TREE, A 60 INCH DEAD TAMARACK, N71°W, 2.42 CHAINS, SET NEW BEARING TREES SCRIBED "BT", WITH 6" MAG SPIKE AND "PLS 7172" STAINLESS STEEL WASHER FOR CHAINING POINT AT CENTER RIGHT SIDE, AND FOREST SERVICE 54-3 BEARING TREE SIGN:  
BT1: A 30 INCH JEFFREY PINE, N24°E, 26.6 FEET  
BT2: A 20 INCH JUNIPER, S82°W, 23.0 FEET

320400 SET A STANDARD US FOREST SERVICE ALUMINUM MONUMENT WITH A 3/4 INCH DIAMETER ALUMINUM CAP, STAMPED AS SHOWN ON PAGE 2, ON A 2 1/2 INCH DIAMETER POST, 30 INCHES LONG, 24 INCHES IN THE GROUND, ENCIRCLED BY A MOUND OF STONES, 2 FEET IN DIAMETER AND 6 INCHES ABOVE THE GROUND. PLACED A PLASTIC ENCASED MAGNET BENEATH THE MONUMENT. SET A U CHANNEL ALUMINUM POST WITH FOREST SERVICE 54-9 MONUMENT SIGN AND 54-2 BOUNDARY SIGN, 2.0 FEET WESTERLY. SET NEW BEARING TREES SCRIBED "BT", WITH 6" MAG SPIKE AND "PLS 7172" STAINLESS STEEL WASHER FOR CHAINING POINT AT CENTER RIGHT SIDE, AND FOREST SERVICE 54-3 BEARING TREE SIGN:  
BT1: A 12 INCH TRIPLE TRUNK (WESTERLY TRUNK) JUNIPER, S68°E, 28.1 FEET  
BT2: A 10 INCH DOUBLE TRUNK (EASTERLY TRUNK) JUNIPER N15°W, 12.6 FEET

320500 FOUND A 2 INCH IRON PIPE, NO TAG, IN LIEU OF A 2 INCH IRON PIPE AND "RCE 10467" TAG, SET PER R3. FOUND PIPE S30°00'39"E, 0.41' FROM TRUE 1/16 CORNER LOCATION. AT TRUE CORNER, SET A STANDARD US FOREST SERVICE ALUMINUM MONUMENT WITH A 3/4 INCH DIAMETER ALUMINUM CAP, STAMPED AS SHOWN ON PAGE 2, ON A 2 1/2 INCH DIAMETER POST, 30 INCHES LONG, 24 INCHES IN THE GROUND, ENCIRCLED BY A MOUND OF STONES, 2 FEET IN DIAMETER AND 6 INCHES ABOVE THE GROUND. PLACED A PLASTIC ENCASED MAGNET BENEATH THE MONUMENT. BURIED FOUND 2 INCH IRON PIPE UPSIDE DOWN ALONGSIDE NEW MONUMENT. SET A U CHANNEL ALUMINUM POST WITH FOREST SERVICE 54-9 MONUMENT SIGN AND 54-2 BOUNDARY SIGN, 2.0 FEET NORTHWESTERLY. SET NEW BEARING TREES SCRIBED "BT", WITH 6" MAG SPIKE AND "PLS 7172" STAINLESS STEEL WASHER FOR CHAINING POINT AT CENTER RIGHT SIDE, AND FOREST SERVICE 54-3 BEARING TREE SIGN:  
BT1: A 13 INCH JUNIPER, N56°W, 34.2 FEET  
BT2: AN 8 INCH JEFFREY PINE, S81°E, 22.2 FEET

340400 FOUND A 2 INCH IRON PIPE AND BRASS TAG STAMPED "R.C.E. 10467" IN LIEU OF A WALTER REID, RCE 7522, MONUMENT PER R5. MONUMENT AGREES WITH FOUND ORIGINAL BEARING TREE. ACCEPTED SAME AS THE TRUE CORNER AND REPLACED WITH A STANDARD US FOREST SERVICE ALUMINUM MONUMENT WITH A 3/4 INCH DIAMETER ALUMINUM CAP, STAMPED AS SHOWN ON PAGE 2, ON A 2 1/2 INCH DIAMETER POST, 30 INCHES LONG, 26 INCHES IN THE GROUND, ENCIRCLED BY A MOUND OF STONES, 2 FEET IN DIAMETER AND 4 INCHES ABOVE THE GROUND. PLACED A PLASTIC ENCASED MAGNET BENEATH THE MONUMENT. BURIED FOUND 2 INCH IRON PIPE UPSIDE DOWN ALONGSIDE NEW MONUMENT. SET A U CHANNEL ALUMINUM POST WITH FOREST SERVICE 54-9 MONUMENT SIGN AND 54-2 BOUNDARY SIGN, 1.5 FEET SOUTHEASTERLY. FOUND ORIGINAL BEARING TREE, A 36 INCH DEAD TAMARACK, N6°W, 0.10 CHAINS. SET NEW BEARING TREES SCRIBED "BT", WITH 6" MAG SPIKE AND "PLS 7172" STAINLESS STEEL WASHER FOR CHAINING POINT AT CENTER RIGHT SIDE, AND FOREST SERVICE 54-3 BEARING TREE SIGN:  
BT1: A 20 INCH TAMARACK, N29°E, 24.4 FEET  
BT2: A 16 INCH TAMARACK, S50°E, 3.4 FEET  
BT3: A 39 INCH TAMARACK, S48°W, 28.6 FEET

340500 FOUND A 2 INCH IRON PIPE STAMPED "1/4 9-16 R.C.E. 10467" ON THE NORTHERLY SIDE, PER R3. FOUND PIPE S74°28'06"E, 0.23' FROM TRUE PROPORTION CORNER. AT TRUE PROPORTION CORNER, SET A STANDARD US FOREST SERVICE ALUMINUM MONUMENT WITH A 3/4 INCH DIAMETER ALUMINUM CAP, STAMPED AS SHOWN ON PAGE 2, ON A 2 1/2 INCH DIAMETER POST, 30 INCHES LONG, 24 INCHES IN THE GROUND, ENCIRCLED BY A MOUND OF STONES, 3 FEET IN DIAMETER AND 6 INCHES ABOVE THE GROUND. PLACED A PLASTIC ENCASED MAGNET BENEATH THE MONUMENT. BURIED FOUND 2 INCH IRON PIPE UPSIDE DOWN ALONGSIDE NEW MONUMENT. SET A U CHANNEL ALUMINUM POST WITH FOREST SERVICE 54-9 MONUMENT SIGN AND 54-2 BOUNDARY SIGN, 2.0 FEET NORTHEASTERLY. SET NEW BEARING TREES SCRIBED "BT", WITH 6" MAG SPIKE AND "PLS 7172" STAINLESS STEEL WASHER FOR CHAINING POINT AT CENTER RIGHT SIDE, AND FOREST SERVICE 54-3 BEARING TREE SIGN:  
BT1: A 12 INCH JUNIPER, S46°W, 65.5 FEET  
BT2: AN 18 INCH JUNIPER, S54°E, 56.2 FEET

400500 FOUND A 2 INCH IRON PIPE STAMPED "SEC. COR. 9-10-15-16 R.C.E. 10467" ON THE NORTHEASTERLY SIDE, IN A 3 FOOT DIAMETER BY 11 INCH HIGH ROCK MOUND, SET AS A PERPETUATION OF THE ORIGINAL STONE PER R3. ACCEPTED SAME AS THE TRUE CORNER AND REPLACED WITH A STANDARD US FOREST SERVICE ALUMINUM MONUMENT WITH A 3/4 INCH DIAMETER ALUMINUM CAP, STAMPED AS SHOWN ON PAGE 2, ON A 2 1/2 INCH DIAMETER POST, 30 INCHES LONG, 24 INCHES IN THE GROUND, ENCIRCLED BY A MOUND OF STONES, 4 FEET IN DIAMETER AND 6 INCHES ABOVE THE GROUND. PLACED A PLASTIC ENCASED MAGNET BENEATH THE MONUMENT. BURIED FOUND 2 INCH IRON PIPE UPSIDE DOWN ALONGSIDE NEW MONUMENT. SET A U CHANNEL ALUMINUM POST WITH A FOREST SERVICE 54-9 MONUMENT SIGN, 2.0 FEET EASTERLY. NO ORIGINAL OR NEW BEARING TREES IN THE VICINITY.